



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#30 / R.T.
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Applicants: Harvey et al.)
Serial No. 09/121,239)
Filed: July 23, 1998)
RCE Filed: December 12, 2000)
For: METHODS FOR DETECTING AND)
MEASURING SPLICED NUCLEIC ACIDS)

Examiner: Schmidt, M.

Group Art Unit: 1635

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TECH CENTER 1600/2900

Docket No.: GP091-02.UT (RCE)

AMENDMENT

Box NO FEE
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action mailed February 28, 2001, kindly amend the above-identified application as follows.

IN THE CLAIMS

Kindly amend **Claims 1, 3, 6, 9, 18, and 19** as shown in the following clean set of claims.

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1. (Amended 3 times) A method for detecting a fusion nucleic acid consisting essentially of the steps of:
- a) providing a sample containing a first single-stranded fusion nucleic acid comprising a splice junction;
 - b) contacting under nucleic acid amplification conditions:
 - the first single-stranded fusion nucleic acid,
 - a first primer which hybridizes to the fusion nucleic acid at a first primer binding site located 3' to the splice junction site, and
 - at least one nucleic acid polymerase activity;
 - c) amplifying the fusion nucleic acid in an isothermal nucleic acid amplification reaction using the first primer to produce a plurality of second nucleic acid strands complementary to at least a portion of the first single-stranded fusion nucleic acid that contains the splice junction site, wherein each second nucleic acid strand comprises: